

Title (en)

Apparatus and method for creating tool path

Title (de)

Gerät und Verfahren zur Erzeugung von Werkzeugsbahn

Title (fr)

Appareil et procédé de génération de trajectoire d'outil

Publication

**EP 1326150 A3 20050323 (EN)**

Application

**EP 02258810 A 20021220**

Priority

JP 2001392562 A 20011225

Abstract (en)

[origin: EP1326150A2] When creating other tool path from two tool paths for cutting a work accurately and efficiently, the data on the first tool path (11) is composed of a position vector (14) and a direction vector (15) of a tool for use when the work is cut while moving the tool. The data on the second tool path (21) is composed of a position vector (24) and a direction vector (25) of the tool for use when the work, which has been cut according to the first tool path, is further cut. A computer (50) uses the first tool path (11) data and second tool path (21) data to calculate a position vector (64) and a direction vector (65) of a medium tool path (61) that is between the first tool path (11) and second tool path (21). <IMAGE>

IPC 1-7

**G05B 19/4097**; **G05B 19/4093**

IPC 8 full level

**B23Q 15/00** (2006.01); **G05B 19/4093** (2006.01); **G05B 19/4097** (2006.01)

CPC (source: EP US)

**G05B 19/4097** (2013.01 - EP US)

Citation (search report)

- [XA] US 5532933 A 19960702 - NAKATA MASAFUMI [JP]
- [A] US 4445182 A 19840424 - MORITA EIICHI [JP], et al

Cited by

EP3581121A1; DE102012016676A1; DE102012016676B4; US11564749B2

Designated contracting state (EPC)

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**EP 1326150 A2 20030709**; **EP 1326150 A3 20050323**; **EP 1326150 B1 20090304**; JP 2003195916 A 20030711; JP 4210056 B2 20090114; US 2003120375 A1 20030626; US 2005143855 A1 20050630; US 7149599 B2 20061212

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